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# Sybase/Illustra Benchmark Status

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# Sybase/Illustra Benchmark Goals

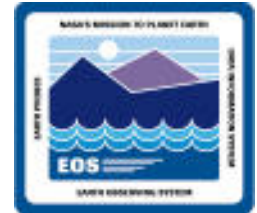


## Primary

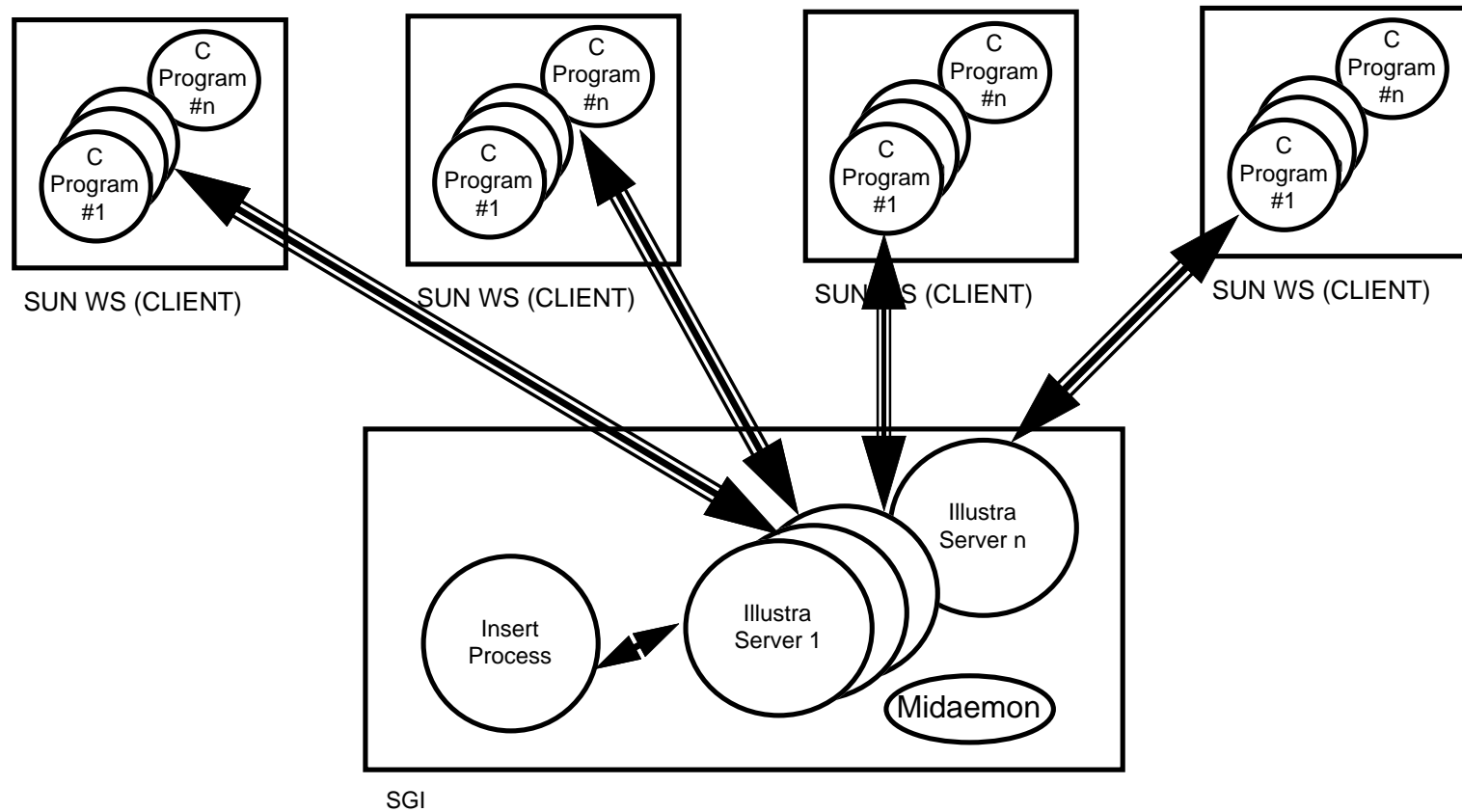
- To mitigate development/production risks by gaining early software, administration, and capacity experience with both Sybase SQS and Illustra products.
- To establish baseline performance measurements for Sybase SQS and Illustra running 2-D spatial queries against ~100 GB of metadata under both light and heavy (~100 users) load conditions.

## Secondary

- To establish baseline measurements for metadata (initial) load times in both Sybase and Illustra.
- To establish baseline performance measurements for insert/update/delete of (single) rows of metadata in both Sybase and Illustra under both light and heavy load conditions.



# Benchmark Architecture



# Illustra Benchmark Status



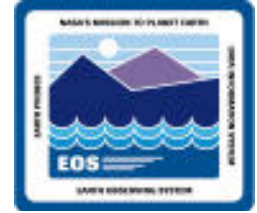
## Progress:

- **Completed load of Illustra Data**
- **Completed Illustra Benchmark Queries**
- **Benchmark White Paper Draft Produced**

## Conclusions:

- **Data load performed adequately**
- **Query results merit further analysis and tuning**
- **Benchmark use of Illustra has provided product risk mitigation and early integration experience**

# Sybase Benchmark Status



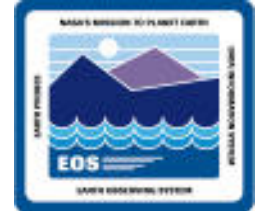
## Progress:

- Partially loaded the data
- Benchmark White Paper Draft Completed

## Plans:

- Complete the data load
- Execute the benchmark queries

# Benchmark Continuation



**Timeframe: September through October 1996**

**Purpose: Benchmark “final” versions of Sybase SQS and Illustra**

- **Sybase SQS 2.2/Sybase 11.0**
- **Illustra 3.3**
- **Beta UDS**

**Hardware Configuration: Identical to March 1996 benchmark**

**Data: Current plus 3-D data**

**Transactions: Same plus 3-D spatial queries**

**Schema: Release B version modified to handle 3-D spatial queries**